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[Tony D. Givargis, Frank Vahid](#)

May 2000 CODES '00: Proceedings of the eighth international workshop on codesign

Publisher: ACM

 Full text available: Pdf (101.74 KB) Additional Information: [full citation](#), [abstract](#), [rel](#)

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Continued growth in chip capacity has led to new methodologies stressing designed processing components, but even of entire pre-designed architectures a variety of applications, such architectures must ...

Keywords: cache, estimation, intellectual property, low power, on-chip system-on-a-chip

2 [A multiprocessor DSP system using PADDI-2](#)
[Roy A. Sutton, Vason P. Srinivasan, Jan M. Rabaey](#)

May 1998 DAC '98: Proceedings of the 35th annual conference on Design

Publisher: ACM

 Full text available: Pdf (179.50 KB) Additional Information: [full citation](#), [abstract](#), [rel](#)

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We have integrated an image processing system built around PADDI-2, parallel DSP. The system includes image processing algorithms, a graph routing tools, compilers, hardware configuration and debugging ...

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3 [Towards reusable, extensible components](#)
[Craig Chambers](#)

December 1996 Computing Surveys (CSUR) , Volume 28 Issue 4es

Publisher: ACM

 Full text available: Html (23.41 KB) Additional Information: [full citation](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 26, Citation (

4 [Digital receiver design using VHDL generation from data flow graphs](#)
[Peter Zepter, Thorsten Grötter, Heinrich Meyr](#)

January 1995 DAC '95: Proceedings of the 32nd ACM/IEEE conference on D

Publisher: ACM

Full text available:  Pdf (221.52 KB)

Additional Information: [full citation](#), [references](#),


Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 52, Citation (

5 [Scheduling of real-time messages in optical broadcast-and-select ne](#)

[Maurizio A. Bonuccelli](#), [M. Claudia Clò](#)

October 2001 IEEE/ ACM Transactions on Networking (TON) , Volume 9 I

Publisher: IEEE Press

Full text available:  Pdf (298.90 KB)


Additional Information: [full citation](#), [abstract](#), [rel](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 29, Citation (

In this paper, we consider broadcast-and-select networks based on opti single-hop networks, communicating pairs can exchange messages dire store information at intermediate nodes for later forwarding. ...

Keywords: Approximating algorithms, complexity, feasibility test, mult and-select networks, performance guarantees, real-time transmission, s multichannel systems, time-wavelength division multiplexing

6 [Partitioning and optimizing controllers synthesized from hierarchical](#)

 [Andrew Seawright](#), [Wolfgang Meyer](#)

May 1998 DAC '98: Proceedings of the 35th annual conference on Design

Publisher: ACM

Full text available:  Pdf (288.67 KB)

Additional Information: [full citation](#), [abstract](#), [rel](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 10, Citation (

This paper describes methods for partitioning and optimizing controllers high-level descriptions. The methods utilize the structure of the high-lev flexible exploration of the trade-off between ...

Keywords: intellectual property test, system-on-chip test, testing emb

7 [Protection interoperability for WDM optical networks](#)

[Olivier Crochat](#), [Jean-Yves Le Boudec](#), [Ornan Gerstel](#)

June 2000 IEEE/ ACM Transactions on Networking (TON) , Volume 8 Issu

Publisher: IEEE Press


Full text available:  Pdf (284.28 KB)

Additional Information: [full citation](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 40, Citation (

Keywords: WDM, interoperability, optical network, protection, routing,

8 [Context interchange: new features and formalisms for the intelligent](#)

 [Cheng Hian Goh](#), [Stéphane Bressan](#), [Stuart Madnick](#), [Michael Siegel](#)

July 1999 Transactions on Information Systems (TOIS) , Volume 17 Iss

Publisher: ACM

Full text available:  Pdf (184.03 KB)


Additional Information: [full citation](#), [abstract](#), [rel](#)
[review](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 76, Citation (

The Context Interchange strategy presents a novel perspective for mediating semantic conflicts among heterogeneous systems are not identified and are not reconciled by a context mediator ...

Keywords: abductive reasoning, information integration, mediators, semantic interoperability

9 [Future performance challenges in nanometer design](#)

 [Dennis Sylvester, Himanshu Kaul](#)

June 2001 DAC '01: Proceedings of the 38th conference on Design automation
Publisher: ACM

Full text available:  [Pdf](#) (252.60 KB) Additional Information: [full citation](#), [abstract](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 43, Citation (

We highlight several fundamental challenges to designing high-performance nanometer-scale technologies (i.e. digital logic, EDA, L.C. design). Dynamic power scaling trends lead to major packaging problems. ...

10 [Compact and efficient presentation conversion code](#)

[Philipp Hoschka](#)


August 1998 IEEE/ACM Transactions on Networking (TON), Volume 6 Issue 4
Publisher: IEEE Press

Full text available:  [Pdf](#) (114.76 KB) Additional Information: [full citation](#), [references](#),



Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 24, Citation (

Keywords: Markov processes, data communication, data conversion, optimizing compilers

11 [All-optical networks](#)


 [Samir Chatterjee, Suzanne Pawlowski](#)

June 1999 Communications of the ACM, Volume 42 Issue 6
Publisher: ACM

Full text available:  [Html](#) (42.58 KB),  [Pdf](#) (296.73 KB) Additional Information: [full citation](#), [terms](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 166, Citation (

12 [Constructing application-specific heterogeneous embedded architectures for HW/SW applications](#)

 [Steven Vercauteren, Bill Lin, Hugo De Man](#)

June 1996 DAC '96: Proceedings of the 33rd annual conference on Design automation
Publisher: ACM

Full text available:  [Pdf](#) (97.89 KB) Additional Information: [full citation](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 17, Citation (

13 [Theory of PLL fractional-N frequency synthesizers](#)

[A. Marques, M. Steyaert, W. Sansen](#)

January 1998 Wireless Networks, Volume 4 Issue 1
Publisher: Kluwer Academic Publishers

Full text available:  [Pdf](#) (482.69 KB) Additional Information: [full citation](#), [abstract](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 90, Citation (

This paper presents an overview of the evolution of frequency synthesiz loops (PLLs). The main limitations of the digital PLLs are described, and using fractional-N techniques is justified. The origin ...

14 [The design and implementation of K: a high-level knowledge-base pi OSAM*.KBMS](#)

[Yuh-Ming Shyy](#), [Javier Arroyo](#), [Stanley Y.W. Su](#), [Herman Lam](#)

August 1996 The VLDB Journal — The International Journal on Very L
Issue 3

Publisher: Springer-Verlag New York, Inc.


Full text available:  Pdf (187.89 KB) Additional Information: [full citation](#), [abstract](#), [rel](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 34, Citation (


The OSAM*.KBMS is a knowledge-base management system, or the so-database management system, for non-traditional data/knowledge-inte to define, query, and manipulate a knowledge base, as well as to write

Keyw ords: Abstractions, Association patterns, Knowledge-base progra oriented knowledge model, Structural associations

15 [Computing blocking probabilities in multiclass wavelength routing ne](#)

 [Sridhar Ramesh](#), [George N. Rouskas](#), [Harry G. Perros](#)

April 2000 Transactions on Modeling and Computer Simulation (TOM
Publisher: ACM

Full text available:  Pdf (194.01 KB) Additional Information: [full citation](#), [abstract](#), [rel](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 23, Citation (

We present an approximate analytical method to evaluate efficiently an blocking probabilities in wavelength routing networks with multiple class fairly general and allows each source-destination pair to service ...

Keyw ords: blocking probabilities, multiclass networks, wavelength divi wavelength routing

16 [Scalable feedback for large groups](#)

[Jörg Nonnenmacher](#), [Ernst W. Biersack](#)

June 1999 IEEE/ ACM Transactions on Networking (TON) , Volume 7 Issu
Publisher: IEEE Press

Full text available:  Pdf (275.33 KB) Additional Information: [full citation](#), [references](#), [c](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 36, Citation (

Keyw ords: extreme value theory, feedback, multicast, performance ev

17 [Off-line permutation embedding and scheduling in multiplexed optica topologies](#)

[Chunming Qiao](#), [Yousong Mei](#)

April 1999 IEEE/ ACM Transactions on Networking (TON) , Volume 7 Issu

Publisher: IEEE Press

Full text available:  Pdf (212.73 KB)

Additional Information: [full citation](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 31, Citation (

Keywords: WDM meshes, WDM rings, rearrangeable nonblocking, wav
wavelength routing, wavelength-division multiplexing

18 [The fault span of crash failures](#)

 [George Varghese](#), [Mahesh Jayaram](#)

March 2000 *Journal of the ACM (JACM)* , Volume 47 Issue 2

Publisher: ACM

Full text available:  Pdf (399.63 KB)

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Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 51, Citation (

A crashing network protocol is an asynchronous protocol whose memory
We show that a crashing network protocol that works over unreliable lin
arbitrary global states, where each node is in ...

19 [The Satchel system architecture: mobile access to documents and s](#)

[Mike Flynn](#), [David Pendlebury](#), [Chris Jones](#), [Marge Eldridge](#), [Mik Lamming](#)

December 2000 *Mobile Networks and Applications* , Volume 5 Issue 4

Publisher: Kluwer Academic Publishers


Full text available:  Pdf (207.51 KB)

Additional Information: [full citation](#), [abstract](#), [rel](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 44, Citation (

Mobile professionals require access to documents and document‐
printing, wherever they may be. They may also wish to give documents
as easily as with paper, face‐to‐face, and with ...

20 [Strategic directions in electronic commerce and digital libraries: towa](#)

 [Nabil Adam](#), [Yelena Yesha](#)

December 1996 *Computing Surveys (CSUR)* , Volume 28 Issue 4

Publisher: ACM

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